

MATERIAL SAFETY DATA SHEET

MSDS

DATE: 6/29/1999

MSDS #: 505580

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PURSELL INDUSTRIES, INC
1500 Urban Center Parkway, Suite 520
Birmingham, AL 35242

EMERGENCY PHONE NUMBERS.
PURSELL: 1-800-874-8892
CHEMTREC: 1-800-424-9300

SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: ICE MELT

PRODUCT NUMBER: 505580, 505579, 505437

CHEMICAL NAME: Mixture: Potassium Chloride and Limestone

CHEMICAL CLASS: Inorganic Salt and Calcium Carbonate

NFPA RATING: Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

SECTION - II - INGREDIENT INFORMATION

INGREDIENTS	CAS NUMBER	PEL	TLV	% BY WEIGHT
Potassium Chloride	7447-40-7			70
Limestone	471-34-1			30

SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O = 1) 1.98

Bulk Density: NA

Vapor Pressure (mmHg): NA

Melting Point 1,423 °F

Vapor Density (Air =1): NA

Evaporation Rate(Butyl Acetate=1) NA

Solubility in Water: Potassium Chloride is water soluble, granular limestone solubility is insignificant

Appearance and Odor: White to gray granules Slight fertilizer salt odor

SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Use media suitable for surrounding fire.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Decomposition products may be toxic Run-off from control area or dilution water may cause pollution If surface water is contaminated, contact local authorities

SECTION - V - REACTIVITY DATA

Stability: Stable under all normal conditions

Incompatibility (Materials to avoid): Contact with hot nitric acid may cause evolution of toxic nitrosyl chloride. Contact with other strong acids may produce irritating hydrogen chloride gases

Hazardous Decomposition or Byproducts: Thermal degradation may produce chlorine gas

Hazardous Polymerization: Will not occur

SECTION - VI - HEALTH HAZARD DATA

ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Contact; Inhalation, Ingestion

Eyes: Dusts may cause moderate irritation If eye contact occurs, flush eyes with running water for 15 minutes, holding lids open Call a physician if irritation persists

Skin: Dusts may cause moderate irritation Wash with soap and water if irritation occurs

Inhalation: Dusts may cause moderate irritation to the nose, throat, and lungs If prolonged inhalation of dust occurs, remove to fresh air

Ingestion: Seek medical attention immediately. Call a physician The telephone number for the National Poison Control Center is (202) 625-3333

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory tract No chronic health effects data have been established.

Other Health Warnings: Long term exposure to high concentrations (2000mg/m³) could cause chronic cough and mild bronchitis

Notes to physician: Treat symptomatically. Oral, rat - LD50: 3020 mg/kg

SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in original container in a cool dry area Keep out of reach of children and domestic animals.

Procedures in case of spill or release: If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA approved respirator.

Waste Disposal Method: Apply as directed on product label if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws.

Other Precautions: Washing facilities should be available. Wash hands after use. Do not apply when weather conditions favor drift from target area.

SECTION - VIII - CONTROL MEASURES

Ventilation Requirements: None required with normal use of this product.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: None required with normal use of this product.

Protective Clothing: Wear long sleeves, long pants, shoes and socks, and impervious gloves.

Eye Protection: Use of safety glasses with side shields is recommended.

SECTION - IX - ADDITIONAL INFORMATION

This product contains inorganic salts, some of which are used as plant foods in other applications. Large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill. Keep animals away from large spills.

SECTION - X- SARA TITLE III REQUIREMENTS

Section 302 Extremely Hazardous Substances: No

SARA Hazard Category: None

Section 311/312 Hazardous Substances: No

Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

Section 313 Toxic Chemicals: No

OTHER PRECAUTIONS AND COMMENTS

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

NA = NOT APPLICABLE

PURSELL INDUSTRIES, INC.

Contact: Customer Service

Telephone: 1-800-874-8892

(205) 968-6000

NI = NOT INDICATED